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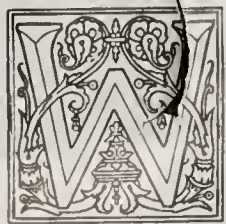


L. W. HALL COMPANY, Inc.

GROWERS OF HIGH GRADE NURSERY STOCK

ROCHESTER, NEW YORK

Of Interest to Our Customers



WE TAKE PLEASURE in sending you our latest Catalog, and want you to study it closely. In it you will find full information about the trees and plants we grow, the best of the old kinds as well as many new varieties of merit. Every word in this catalog and every picture in it has been carefully chosen. We have described our stock fully and honestly, and therefore our catalog with its illustrations and statements of quality are just as **direct promises** of what we will deliver you as though you were in our office and we made the statements to you in person.

QUALITY. It is our constant aim to produce trees and plants as nearly perfect as they can be grown. Every tree, bush or plant we offer is guaranteed up to the standard, healthy, thrifty, well rooted, **true to name**, and free from San Jose Scale or disease of any kind. Our stock is dug fresh from the ground in the spring and packed so as to reach you in perfect condition, and carries our iron-clad guarantee of **Quality and Satisfaction**, or money cheerfully refunded.

ORDER EARLY. Because the production of nursery stock was so largely curtailed during the war, we now face an **enormous demand** for stock this year with a **short supply** on many items. So it is most important that you **get your order in early** to avoid disappointment. Don't wait until the last minute, but **prepare** for your planting **now**, while you have time to think and plan, and send us your order **without delay**.

TERMS are net cash with order, except where otherwise arranged.

SHIPPING SEASONS. Our spring shipping season opens about the first of April and continues to about May 20th. In the fall we start shipping about October 10 and continue to about December 1.

PLANTING SEASON is not governed by any particular date or condition of vegetation in your section, but by the **condition of stock on arrival**. Everything we ship in the spring is dug while still in dormant winter state, before it has commenced its new season's growth. The way we pack for shipment, stock keeps perfectly in this dormant state until received by you. So that regardless of the condition of vegetation in your section when you get our shipment—whether advanced or retarded—that does not affect our stock in any way, and if you will plant it according to directions and give it reasonable care you will find it will thrive.

GUARANTEE. We use the greatest precaution to have everything we send out true to name, but if through any fault



Improved European Filberts, Showing the Nuts in Husks and New Catkins forming for the Next Season Crop. (See page 6.)

of ours any stock proves not true to label, we will on proper proof, replace double the number of trees or plants not true, or we will refund the purchase price, plus 6 per cent compound interest and also replace stock.

SPECIAL DISCOUNT of 5% allowed on cash orders received before March 15.

General Planting Directions

CARE OF STOCK ON ARRIVAL. All stock should be planted immediately on arrival but if not convenient to do so, open bundle and heel roots in ground, covering them thoroughly.

PLANTING. Dig holes twice the size necessary to take in all the roots; throw out top soil to one side, and use it for filling around the roots; tread the earth hard after planting. The use of water around the roots when filling in the earth depends on the moisture conditions of the ground. If dry, use plenty of water. After planting and during the summer sufficient water should be used to keep the earth moist.

PRUNING. The limbs of all fruit and ornamental trees, shrubs and roses should be cut back two-thirds when planted. Remove all surplus branches from trees, leaving say three main stems as a basis for head. Always prune to an outside bud, thus insuring outward growth. Peach trees should be pruned to a whip and a head established the second year either high or low as preferred. All roots should be pruned smoothly before planting, cutting off the ends where bruised by digging and shortening others. This is as important as pruning the top.

MULCHING. Mulching is a most necessary factor in successful planting. Cover a space around the tree or shrub to a distance of three feet, using coarse manure, lawn clippings or grass is effective for this purpose if manure cannot be secured. The mulching retains moisture, retards the growth of weeds and facilitates quick growth. When straw or manure is left on the ground all winter, clear a space of 15 inches around the tree to avoid damage from mice.

LABELS. Labels should be removed and some other method adopted for recording varieties. The wires will cut and damage the limbs.

CULTIVATION. Hoe or cultivate frequently. Nothing can thrive if the weeds are allowed to sap the life of the soil.

SPECIAL INSTRUCTIONS

Grape vines should be planted so that the first bud next to the stem will come on a level with the surface of the ground. Grape vines have two layers of roots, from 6

to 8 inches apart, and in planting spread the lower layer of roots in their natural position; fill in the earth and press down in the soil firmly, then spread the second layer of roots and fill in the balance of the hole. After planting, trim the vines back to two buds. A strong stick four feet long should be driven in at each vine to support the canes the first two years. **Strawberries** should be planted so as to leave the crown even with the surface. Too deep planting will smother the plant. **All other small or bush fruits**, such as raspberries, currants, gooseberries, etc., should be planted about one inch deeper than they stood in the nursery, and, after planting, the tops should be cut back to four or five inches of the ground. In pruning **ornamental trees** two-thirds of the top should be cut off on all ornamental trees except cut-leaved birch and horse chestnut, which should not be pruned at all.

Ornamental shrubs should be planted two inches deeper than they were in the nursery, and the tops cut back one-half. **Roses** are planted three inches deeper and the tops cut back to within three or four inches above the ground.

No Orders for Less Than \$1.00 Accepted

Inasmuch as it costs us just as much to pack and prepare small orders as it does large ones, and inasmuch as the prices we ask are so close to the actual cost of production, we cannot afford to fill orders amounting to less than \$1.00.

To Our Canadian Customers

Nursery stock is admitted from the United States into Canada in the spring, commencing March 15th and continuing till May 15th, and in the fall, commencing September 26th and continuing until December 1st. Nursery stock is not admitted through the mails into Canada at any season of the year, so kindly order shipments made by freight or express. We cannot send by parcel post into Canada.

Northern Grown Apples

The Apple is the first in importance of all fruits. It will thrive on nearly any well drained soil. Its period of ripening, unlike other fruits, extends nearly through the whole year. By making careful selection, a constant succession can be obtained. For family use there is no fruit that is more indispensable. No other fruit is so healthful. Besides this, and just as important, is the fact that the average price on the market is steadily increasing and the immense demand for home consumption, foreign shipping, canning and evaporating assures high prices. The apple if given the same care and attention as other farm crops, will yield greater returns per acre. The following list we consider to be the best for general planting.

Prices of Standard Apples and Crabs all grown on Best Imported French Whole Root Seedlings:

	Each	10	100
XXX Extra, 5 to 7 ft., $\frac{3}{4}$ inch and up in caliper.	\$.75	\$6.50	\$60.00

Summer Apples

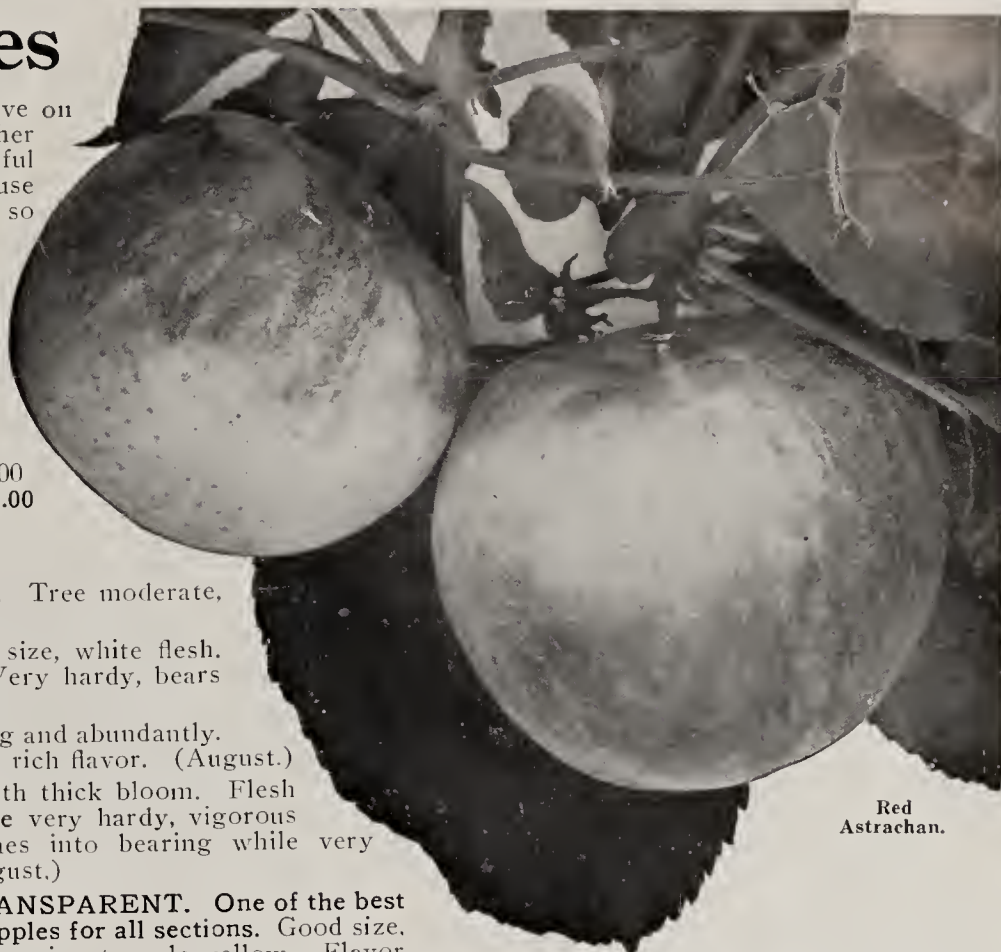
EARLY HARVEST. Medium to large; pale yellow, fine flavor. Tree moderate, erect grower; good bearer. Middle to end of August.

EARLY CRIMSON BEAUTY. Best early red Apple. Good size, white flesh, tender, juicy, pleasant flavor. Sells better than Astrachan. Very hardy, bears young, very productive.

SWEET BOUGH. One of the finest summer apples. Bears young and abundantly. Fruit large, pale green; flesh fine, very tender, juicy, sweet, with rich flavor. (August.)

ASTRACHAN, RED. Good size, deep crimson over-spread with thick bloom. Flesh tender, juicy and rich; excellent for cooking or dessert. Tree very hardy, vigorous grower, comes into bearing while very young. (August.)

YELLOW TRANSPARENT. One of the best extra early Apples for all sections. Good size, clear white, turning to pale yellow. Flavor acid, very good. Bears very young, yields immense crops every year. Extremely hardy.



Red
Astrachan.



Yellow Transparent.

Fall Apples

ALEXANDER. Very large, attractive red or striped apple. Flesh white, juicy, mild sub-acid; good; in strong demand at good prices; hardy, productive, bears early.

DUCHESS OF OLDENBURG. One of the Best. Handsome, good size, streaked red and yellow. Excellent quality. Very hardy, bears very young and abundantly. An extra good shipper, one of the best money-makers; one of the most important varieties for all sections.

FAMEUSE (Snow Apple) One of our finest dessert fruits. Medium size, smooth, regular, deep crimson, with snowy white, tender, melting flesh of delightful flavor.

FALL PIPPIN. Very large, yellow, tender, juicy and rich. Tree vigorous.

GRAVENSTEIN. Large, greenish yellow with red stripes. Juicy, sub-acid, aromatic; very good to best.

MAIDEN BLUSH. Medium to large; pale, waxen-yellow with crimson blush. Flesh tender, juicy, sub-acid. Hardy, and a fine grower.

TWENTY-OUNCE. Very large, yellow and red; tender, juicy, crisp, sub-acid; productive.

Winter Apples

BALDWIN. Large, deep red; crisp and juicy, of fine, rich, sub-acid flavor and delightful aroma. Keeps splendidly well into winter; an excellent shipper. The market always pays well for Baldwins. Quick, strong grower.

BAXTER. Fine large red apple, brings big prices on all markets. Tree good grower, very hardy.

BEN DAVIS. Yields immense crops of large, sub-acid, bright red, fine-shaped fruit. One of the longest keeping sorts.

DELICIOUS. The National Dessert Apple. Successful wherever Apples grow. Large, conical shaped, beautifully colored, striped red over yellow. Flesh tender, with rich, distinctive flavor, very aromatic and pleasant to the taste. Truly Delicious. Hardy, bears young and abundantly. Brings more money per box than other sorts bring per barrel.

GOLDEN RUSSET. Medium size, clear golden russet with slight blush. Juicy and high flavored.

GRIMES GOLDEN. The most popular golden apple, prized for its beauty and quality. Golden, transparent yellow, tender, rich and delicious; keeps well without losing any of its crispness or flavor. One of the best for fancy box trade.

HUBBARDSTON (Nonesuch or American Blush). Large, striped yellow and red; tender and juicy.

JONATHAN. Brilliant red apple of high flavor. Juicy, fine-grained, tender. Productive; bears young.

KING OF TOMPKINS COUNTY. Superb red apple of extraordinary size and fair quality.

McINTOSH RED. Fruit bright red, wondrously beautiful, with tender white flesh of splendid flavor and highest quality; juicy and aromatic. An excellent shipper. Tree most hardy and vigorous; will bear in three to four years, and has heavy crops. Adapted to a wide range of territory.

NORTHERN SPY. Red, usually striped with yellow. Tender, crisp, highest quality. One of the best.



Delicious Apples.

WINTER APPLES—Continued.

NORTHWESTERN GREENING. Tree vigorous, strong grower, productive. Fruit greenish-yellow, large, mild, sub-acid. Very hardy.

R. I. GREENING. A great and constant bearer in nearly all soils and situations. Large, greenish-yellow; flesh yellow, fine-grained, tender, crisp, juicy, sub-acid; fine for cooking. Excellent variety to grow with Baldwin for commercial orchard.

ROME BEAUTY. Large, handsome, bright red apple. Flavor and quality above average. Comes into bearing in three years and never fails to have heavy crops each year.

SPITZENBURG (Esopus). Medium, dull red; flesh yellow, firm, juicy, delicious, sub-acid.

STAYMAN'S WINESAP. Truly a great apple. Dark, rich red, striped with yellowish-green. Firm, fine grained, exceedingly juicy and spicy. Wonderfully productive.

TALMAN SWEET. The best winter sweet apple. Medium, pale whitish-yellow; flesh white, fine grained; much esteemed for baking and cooking.

WAGENER. Fine dessert apple, large, yellow, nearly covered with crimson. Bears early.

WALBRIDGE. Medium size, striped with red, handsome; excellent quality. Very hardy and of great value in the North and Northwest.

WEALTHY. One of the best money-making sorts. Bears young. Heavy crops annually. Brilliant red, large and handsome. Splendid quality. Good keeper. Extremely hardy. One of the most profitable varieties.

WINTER BANANA. An excellent new apple. Very showy in appearance, large size, roundish, deep yellow with red cheek, heavily waxed; attracts attention at once. Tender and delicious, with banana perfume.

WOLF RIVER. Highly colored red giant show apple. Flesh white, sub-acid, good quality. Tree very hardy and productive, bears early and annually; a most profitable commercial variety, 80 to 100 apples fill a bushel box.

Crab Apples

	Each	10	100
XXX	\$0.75	\$6.50	\$60.00

HYSLOP. Large, dark red, sub-acid.

TRANSCENDENT. Large, yellow with crimson cheek.

WHITNEY. Large, greenish, striped with carmine. Juicy and rich.

Dwarf Apples

We can furnish the following varieties in Dwarf Apples; for descriptions of fruit see same varieties under Standards:

Yellow Transparent
Duchess of Oldenburg
McIntosh Red
Rhode Island Greening

Wealthy
Baldwin
Red Astrachan
Northern Spy

Price of Dwarf Apples: 75c each.

Plums

Extra fine 2- and 3-year.

Prices of Plums and Prunes: each, 85c; 10, \$8.00; 100, \$70.00.

XXX Extra 6 to 7 feet, 3/4 inch and up in caliper.

BEAUTY OF NAPLES. New, large, greenish-yellow, very sweet; excellent flavor.

BRADSHAW. Very large, handsome, bluish-purple; juicy, excellent. Very productive.

FELLEMBURG (Italian Prune). Largest size, superb quality; rich, juicy, very sweet; productive.

GRAND DUKE. One of the best late plums. Dark, violet red, juicy, sweet and mild.

GERMAN PRUNE. Grows to perfection everywhere; very hardy, very productive. Large, dark blue with dense bloom; juicy, sweet, rich and pleasant.

LOMBARD. Most popular and widely planted variety in America. Large, violet-red, juicy and good.

MONARCH. Large, dark purple; delicious quality.

MOORE'S ARCTIC. New, exceptionally hardy. Medium size, dark purple; juicy, sweet, pleasant.

REINE CLAUDE (Green Gage). Large, juicy, melting, sugary, delicious. Hardy, very productive.

SHIPPERS PRIDE. Very large, dark purple, juicy, sweet, fine quality. Excellent for all purposes.

SHROPSHIRE DAMSON (Prune Damson). Most popular Damson in America. Does well everywhere.

YELLOW EGG. Large, golden-yellow, sweet and mild.

Japanese Varieties

ABUNDANCE. Large; amber, turning to bright red. Juicy, tender, delicious; freestone. Hardy, productive.

BURBANK. Very large, rich dark red; tender, very juicy, rich, sweet, and aromatic. Hardy, productive.

RED JUNE. Popular early variety. Medium to large, deep red, excellent quality. Hardy, very productive.



Winter Banana.

Pears

Extra Strong 2 and 3-Year

Price of Standard Pears, (except Beurre Bosc) Each 10 100
 XXX Extra, 5 to 7 feet, 3/4 inch and up in caliper...\$0.75 \$6.50 \$60.00

Summer Pears

BARTLETT. General favorite. Large, beautiful and excellent; yellow, tinged with red; buttery and melting; rich, musky flavor.

CLAPP'S FAVORITE. Large, showy, fine looking pear of good quality, profitable for market. Golden yellow with red cheek; melting, juicy, with sweet, delicate flavor.

Autumn and Winter Pears

BEURRE D'ANJOU. Equals Bartlett in quality. Large, handsome, greenish-yellow blushed with crimson. Tree hardy, succeeds everywhere, bears heavy crops.

BEURRE BOSCH (Thanksgiving Pear). Extra large, superb quality. Deep russet yellow. Flesh white, rich and delicious. Keeps well until Christmas. Price, \$1.00 each.

CLAIRGEAU. Valuable for market. Smooth yellow skin shaded with orange and scarlet; flesh yellow, juicy, aromatic. Bears early and abundantly.

DUCHESS D'ANGOULEME. Large, greenish yellow; tender, buttery. Best as dwarf.

FLEMISH BEAUTY. Large, beautiful, juicy, melting, rich. Strong grower; good bearer.

KIEFFER. Wonderfully abundant regular bearer. Always sells at good prices. Golden yellow when ripe; flesh white, crisp, juicy.

LAWRENCE. Medium to large, golden-yellow; melting, aromatic flesh.

SECKEL (Sugar Pear). Small, finest flavor; excellent for pickling and dessert.

SHELDON. Medium size, russet, melting, rich, very juicy, delicious.

WORDEN-SECKEL. Golden-yellow, with crimson cheek. Flesh white, buttery.

Dwarf Pears

2- and 3-year extra fine Each 10 100
 XXX Extra, 3 to 4 feet., 11-16 inch caliper.....\$0.75 \$6.50 \$60.00
 Varieties—Bartlett, Beurre D'Anjou, Clapp's Favorite, Duchess D'Angouleme, Claireau, Seckel, Worden-Seckel.

Cherries

Extra fine 2- and 3-year, grown on best imported French Whole Roots.

Sweet Cherries

Each 10 100
 XXX Extra, 6 to 7 feet, 3/4-inch caliper.....\$0.85 \$7.50 \$70.00
BING. A new black cherry; size large, color blackish-purple; flesh very solid and of the highest flavor.



Montmorency Cherries.

The planting of the pear is rapidly extending as its value is appreciated. Like apples, the range of varieties is had in good eating condition from August until well into the winter. The melting, juicy texture, the refined flavor and the delicate aroma of the pear give it a rank above all other fruits except the grape. The pear, like all highly desirable and valuable fruits, cannot be had without attention and labor. The high prices which it commands on the market will repay one to give the tree the high cultivation necessary to secure the best results.



Claireau Pear.

BLACK TARTARIAN. This fine old variety produces immense crops of very large, purple-black fruits of high quality, juicy, meaty, mild and sweet.

CENTENNIAL. One of the most valuable. A seedling of Napoleon, larger, sweeter, better flavor, smaller pit. Amber yellow, overlaid with crimson.

GOVERNOR WOOD. Very large, rich; light yellow with red cheek; juicy and sweet. One of the very best.

LAMBERT. One of the largest of all; heart-shaped, dark purplish red, turning to almost jet black when ripe. Flesh firm, solid, rich and juicy, sprightly flavor.

NAPOLEON. Very large, yellow and amber with bright red blush; flesh firm; juicy and delicious. Bears enormous crops.

SCHMIDT'S BIGGAREAU. Unsurpassed in size. Glossy black, flesh crisp, firm, juicy, sweet, rich flavor.

WINDSOR. Large liver-colored Cherry, remarkably firm and good.

YELLOW SPANISH. Large, pale yellow with light red cheek; firm and delicious.

Sour Cherries

Each 10 100
 XXX Extra, 5 to 6 ft., 3/4 inch caliper...\$0.85 \$7.50 \$70.00

EARLY RICHMOND. Medium size, dark red, melting and juicy; acid flavor. Very hardy, exceedingly productive.

ENGLISH MORELLO. The standard late sour cherry. Large and handsome, dark red, becoming almost black. Fruit good quality, tender, juicy, acid, rich.

MONTMORENCY. Beautiful, large, red, acid cherry of great value, very profitable; more largely planted for market than any other. Hardy, vigorous, very productive; the greatest money-maker in the list.

McKean, Pa., May 10th, 1919.
 Trees are fine. Cherry trees are in blossom. They are better than I expected and I thank you very much.
 LEVI F. ROSE.

Nut Trees

"The time is coming when Nut Trees will bear as important a relation to our Food Supply as the automobile does to transportation."

Nuts should be so largely planted as to become a staple article of our food, as they are most nutritious and can be substituted for meat and other foods. For use as a luxury alone thousands of acres of nut orchards should be set out.

Improved European Filberts

(HAZEL NUTS)

(Trees Bear Second or Third Year After Transplanting.)

Handsome as a Shrub—Combines Beauty with Profit

Another formerly exclusive European product is now being grown in the United States. For years we have had enquiries for an Improved Filbert as grown in Europe, but heretofore no nursery in the United States has succeeded in producing a Filbert of the Improved European Type.

Acting on the advice and suggestions of Mr. Conrad Vollertson, an eminent horticulturist and landscape gardener of Rochester, N. Y., we imported from Germany in 1912 twenty-one of the leading varieties of Improved Filberts.

Mr. Vollertson when a boy worked in one of the leading nurseries in Germany, where they grow many thousands of these Improved Filberts, and he advises us that thousands of plants were shipped as far North as the Province of Riga in Russia, where they bore abundantly.

He was confident that the Improved Type of Filbert would grow and produce as fine a nut in the United States as in Europe, and worked incessantly throughout the seven years of his experiment until his wonderful work has now given to the people of the United States a Filbert of the finest Improved Type that will produce abundantly even here in New York where the temperature has registered 20 degrees below zero, without the slightest injury to the plants or to the crop of the nuts.

Three years ago when the Northern Nut Growers' Association met in Rochester, some one hundred members of that body personally inspected our Filbert growings and were most enthusiastic over the wonderful showing we made. We mention particularly Dr. Robt. T. Morris of New York, one of the most eminent surgeons of the United States, very active in nut culture, particularly the Improved Filberts. Also Dr. J. Russell Smith of the University of Pennsylvania, whose hobby is nut culture. And Mr. C. A. Reed, Nut Expert of the Dept. of Agriculture, Washington, D. C., has personally inspected our Filbert nurseries on five or six different occasions and has watched the development from its infancy. On his visit to Rochester in September, 1918, he placed an order for a number of these Improved Filberts for the U. S. Experimental Farm at Washington, D. C.

Unsolicited, Mr. Reed has freely given us the use of his name as reference, and we are pleased to refer any of our patrons to Mr. C. A. Reed, Nut Culturist, care of the Dept. of Agriculture, Washington, D. C.

Mr. Reed gives us his opinion that our Improved Filberts are especially valuable because of the very wide range of territory and latitude in which they can be grown successfully. And because of their hardiness they are also adapted to the more Northern States. They will thrive anywhere that the native or wild American Filbert will grow, which is practically the entire United States.



Showing the Beauty of Improved Filbert as a Shrub.



Two-year plants in the Nursery Row, bearing 18 large nuts.

The Original Plants in our nurseries are now eight years old and will average 6 to 8 feet in height, according to variety. These bushes have fruited abundantly the past five years.

Beauty of the shrub. In addition to its wonderful nut-bearing qualities (which increase each year as the bush grows larger) the Improved Filbert is one of the most beautiful of ornamental shrubs. The pride of many beautiful old European Gardens are their Nut Walks, and beautiful effects can be produced in your gardens by planting the Filberts each side the walk or along the driveways. The plants have a deep green, leathery foliage during the summer months, and are loaded with husks of delicious nuts which make a very effective contrast. The new catkins or male blossoms form late in the summer for the next season's crop and hang on the bushes all winter, giving a beautiful effect during the winter months after the foliage has gone.

We offer the following varieties, the cream of the 21 varieties we originally imported.

ATHALDENS LEBER. A fine growing variety. Nuts medium to large, beautiful brown color, with a peculiar shaped husk, kernel of very fine flavor. Ripens about middle of September. One of the best for pollenizing other varieties.

HALLERSCHE RIESEN. A medium to large nut of excellent flavor; bears young and is very productive. Growth of plant conical.

ITALIAN RED. One of the finest of the Improved Filberts; nut very large and excellent flavor. A fine, upright grower and very productive.

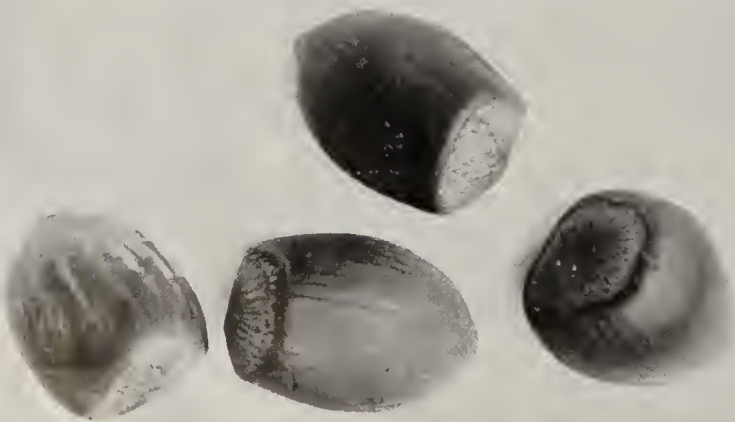
LARGE GLOBE NUT. A very fine oval shaped nut of large size; handsome brown in color. Nuts are produced in clusters and very productive. Ripens from September 1st to September 8th.

MEDIUM LONG NUT, ZELLER. A medium sized oval or long nut. Trees come into bearing very early, and the nuts mature about September 15th. An erect growing bush, very hardy and productive.

MINNA'S ZELLER. A beautiful round nut of good size and quality. Ripens very early, about September 1st. A fine grower, somewhat inclined to spread.

RED LAMBERT. A large, conical shaped nut of extra good quality. Ripens somewhat late, about last of September. Plants strong growers, bushy and spreading, foliage about the same as White Lambert.

WHITE LAMBERT NUT. This is one of our most beautiful Filberts. Nut of large size, beautiful in color and very rich flavor. The plant makes a beautiful spreading bush and the leaves are the largest of any of the Hazel Nuts.



Improved Filberts—Actual Size.



Showing How Artistically Filberts Can Be Planted Along the Walks or Driveways.

PRICE OF THE IMPROVED EUROPEAN FILBERTS:

	Each	Per 10
2 to 3 feet	\$2.50	\$22.50
3 to 4 feet	3.00	27.50

All of the plants offered are grown on their own roots and are absolutely true to type. The plants will bear the second or third year after planting, and we advise the planting of at least three different varieties for perfect pollenization. Each plant when 10 years old ought to be producing 20 to 25 pounds of nuts. We guarantee all of the foregoing varieties to be the finest in quality and equal to the best European grown.

For garden culture or planted as ornamental shrubs the plants should be set about six feet apart. For commercial orchard planting set about 12 feet apart each way. For a screen or hedge set about 4 feet apart.

The plants will grow on practically any soil that is moderately rich and well drained, and require very little cultivation. The nuts ripen in September, and should not be gathered until thoroughly ripened, the condition indicated by the browning of the husks.

We are the only firm in the United States that can supply the true to type Improved European Filberts.

Do not be misled and confuse these with the Filberts of the American Type (*Corylus Avellana*), or the small wild seedling Filberts, which are of little value.

Butternut

BUTTERNUT. Valuable for timber; bears an oblong, thick-shelled nut of delicious flavor. 5 to 6 ft., \$1.00 each.

Chestnuts

Because of Federal Quarantine Laws prohibiting the shipment of Chestnut Trees into so many states, we are not offering these this year.

Pecans

PECANS. Best, budded or grafted varieties, Indiana, Busseron, Butterick, and Posey. 3 to 4 ft., \$2.50 each.

Walnuts

BLACK WALNUT. Most valuable for timber; rapid grower; bears large, round nut of excellent quality. 5 to 6 ft., \$1.00 each.

ENGLISH WALNUT. Seedling trees, grown from selected nuts. Exceedingly handsome for lawn. Produce large crops of nuts, but apt to vary in size and quality. 3 to 4 ft., \$1.00 each.

JAPAN WALNUT (Sieboldi). Perfectly hardy, rapid grower; one of the finest ornamental trees. Nuts resemble butternuts, but somewhat smaller, with thinner, smoother shell. **Worthy of extensive planting.** 3 to 4 ft., \$1.00 each.

Budded or Grafted English Walnuts

Succeed where Seedling Trees Fail. Budded or grafted on Hardy Black Walnut Stock. More vigorous, hardy in all sections, bear earlier, produce nuts in 3 to 4 years that equal the best imported sorts in size and quality. Recommended by the American and Northern Nut Growers' Associations, and the U. S. Department of Agriculture as **the only dependable** English Walnuts to plant. We offer two of the best varieties, the **Vrooman Franquette** and **Wiltz Mayette**.

VROOMAN FRANQUETTE. Large, oblong; rich, exquisite flavor, a favorite for dessert. A popular variety, highly recommended and extensively planted. Tree robust, bears abundantly and regularly. The peer of all the French varieties. 3 to 4 ft., \$2.50 each.

WILTZ MAYETTE. Considered one of the finest that reaches New York markets, where it always brings highest prices. Large, smooth, fine appearance, flesh oily, rich, sweet and very good. Tree strong, vigorous and handsome. 3 to 4 ft., \$2.50 each.



Dish of English Walnuts.

Grapes

Price of Grapes, strong vines, with long tops and good roots, 50c each.

Note.—If by Parcel Post add 2 cents per plant.

BRIGHTON (Red). Large bunch and berry. Highest quality. Hardy.

CAMPBELL'S EARLY. New Early Black Grape; most valuable for market. Flavor rich, sweet. Bunch and berry extra large.

CATAWBA. One of the best late keepers, lasts till February or March. Fine quality, largely used for wine and champagne. Large, coppery-red berries, purplish when fully ripe.

CONCORD (Black). The Great Business Grape; succeeds everywhere.

DELAWARE. A delicious little red table grape; juicy, sweet, hardy and productive.

DIAMOND. Delicious early white Grape; large, juicy, rich. Hardy; very productive.

GREEN MOUNTAIN. Earliest white Grape. Pulp exceedingly tender and sweet, with but one or two seeds; superb quality. Very hardy.

LUCILE. New Red Grape. Extra hardy, crops exceed Concord. Good quality, clusters and berries large, attractive in form and color. The beauty of the fruit will always sell it at extra high prices.

MOORE'S EARLY. Ten days earlier than Concord. Large, purplish-black berries, sweet and very good. Extremely hardy.

NIAGARA. The Leading White Grape for Market. Bunch and berry large, fine flavor. Hardy, and a great yielder.

WORDEN (Black). Bunch large and compact, berry round, black with blue bloom; pulpy, juicy and very pleasant; ripens several days earlier than Concord.

Currants

Extra strong 2-year No. 1	Each	10
Price of Currants (except noted).....	\$0.25	\$2.00

CHERRY. The standard red Currant. Fruit very large; valuable alike for market and garden; splendid quality.

FAY'S PROLIFIC. One of the very best and most popular red Currants. Very productive, hardy and vigorous; of the finest quality.

PERFECTION (New). One every small fruit grower should have. Originated at Rochester, N. Y., awarded the Barry Gold Medal and other first prizes. Hardy, very productive. Color an attractive red; flavor and quality the best; juicy, tender, sprightly, sub-acid. Clusters long and compact; berries are uniformly large to the tip of cluster. 30c each; \$2.50 per 10.

RED CROSS. A strong growing variety. Cluster long; berry medium to large, bright red; quality good to best. It is exceedingly productive, and the currants are of large size. Sweeter than ordinary currants.

WHITE GRAPE. Greatest of the white varieties. Delicious, mild, excellent quality; good for table use; very distinct and valuable. Immensely productive.

Blackberries

BLOWERS. The Best Blackberry. Hardest and most productive of all. Brings highest prices on the market. Berries rich in quality and quantity, big and luscious. Also Eldorado, Erie, Rathbun, and Snyder.

Price, strong root cuttings, not sucker plants, \$1.00 per dozen; \$5.00 per 100.

Note.—If by parcel post add 1 cent per plant.

Rochester, Ind.,
May 20th, 1919.

Received Grape Vines in first class condition and am very much pleased with them as they are very fine and in such good condition, the best I ever saw shipped from any nursery.

R. A. SEYMOUR.

Long Valley, N. J.,
March 9th, 1919.

Fruit trees bought of you heretofore have been very satisfactory.

JOHN A. PARKER.



Gooseberries

Strong 2- and 3-year plants.

CHAUTAUQUA. Light yellow, largest size, 1 to 1½ inch in diameter; very sweet and delicious. 50c each.

DOWNING. The Business Gooseberry. Pale green; juicy, sprightly and sweet. Strong grower, very productive. 35c each.

RED JACKET (Josselyn). The best of the American sorts, as large as the largest English variety. Strong, vigorous grower, hardy, wonderful cropper. Berry rich, juicy, highest quality. 50c each.

Note.—If by parcel post add 2 cents per plant.

Small Fruits

Why pay 28 to 30 cents per quart for Berries, when a few of our strong plants set in your garden at a slight expense will give you all the fruit you will need? The plants we offer are extra strong and will produce abundantly next season. Cut down the high cost of living and place your order today for a liberal supply of these quick bearing fruits.



Downing Gooseberries.



Perfection Currants.

Strawberries

Extra fine plants from fresh, new propagating beds.

Price of Strawberries, except Monroe, 75c per 25; \$1.50 per 100; \$10.00 per 1,000, postpaid.

MONROE. Very hardy, strong grower. Extremely large, handsome, deep red berry; very firm, superior flavor. Brings top price. \$1.00 for 25; \$2.00 per 100; \$12.00 per 1,000.

PROLIFIC (New). Desirable commercial variety; very productive; has yielded 14,502 quarts per acre. Matures in mid-season, ripening period long. Very large, retaining size well as season advances. Bright scarlet; firm, juicy, aromatic, good quality.

Also Brandywine, Glen Mary, Parsons Beauty, Big Joe and Senator Dunlap.

Everbearing Strawberries

Price, postpaid, \$1.25 per 25; \$3.00 per 100; \$25.00 per 1,000.

PROGRESSIVE. Bears heavily the first summer and fall. Berry rather long, dark red, good quality, extra sweet; good shipper. Recommended by Horticultural Societies everywhere. Perfect blossom.

SUPERB. Produces splendid fruit; with us outyields all other fall bearers. Berries very large, dark red, finest flavor. Perfect blossom.

Asparagus

Strong 2-year plants.

GIANT ARGENTEUIL. Very early, produces heavy crops of the largest white stalks. Makes good show in market, always brings the best prices. 75c for 25; \$2.00 per 100.

CONOVER'S COLOSSAL. Standard kind of first quality.

PALMETTO. Fine early variety of large size.

Price, Conover's and Palmetto, 75c per 25; \$2.00 per 100.

Note.—If by parcel post add 25 cents per 100 plants.

Rhubarb

Strong 2-year whole roots.

STRAWBERRY RHUBARB. Early, tender, without being in the least tough or stringy; color a beautiful strawberry-red. 15c each; 10 for \$1.00.

CHAMPAGNE RHUBARB (New). Excels all in size, flavor, and delicate tenderness of its crimson stalks. Brings highest market price. 25c each; \$2.00 per 10.

Note.—If by parcel post add 2 cents per plant.



Everbearing Strawberry
Progressive.
The Famous

Raspberries

Red and Purple Varieties

Price of Raspberries (except where noted), \$1.00 per dozen; \$4.00 per hundred. Note.—If by parcel post add 1 cent per plant.

COLUMBIAN. Fruit very large; color dark reddish-purple; adheres firmly to the stem; seeds small; has a distinct flavor of its own, making it a most delicious table berry. For canning purposes it is much superior to any other. Bears enormous crops.

CUTHBERT or QUEEN OF THE MARKET. Large, rich crimson; sweet, rich, luscious. Hardy. Leading market variety for main crop.

HERBERT. The Raspberry with the real Raspberry flavor. Takes first place in hardiness. Bright red; very sweet and juicy. Enormously productive. Price, \$1.25 per dozen; \$6.00 per 100.

EARLY JUNE. Earliest of all Red Raspberries, and the most valuable early variety. Ripens in June. Fruit large, quality the best, and one of the most productive. Keeps and ships well and on account of its early bearing, brings the highest prices. Price, extra strong plants, \$1.25 per dozen; \$6.00 per 100.

ST. REGIS (Raniere) EVERBEARING RED RASPBERRY. Greatest money maker ever produced. Bears fruit four months first season planted. Begins to ripen middle of June. Wonderfully prolific, main crop as great as any other red variety, summer or autumn crops full to heavy pickings all the time. Berries large, firm and full flavored until the very last; rich, sugary. Hardy everywhere.

Black Varieties

Price, \$1.00 per dozen; \$4.00 per hundred. Note.—If wanted sent parcel post add 1 cent per plant.

CUMBERLAND. Largest of the Black Caps. The most profitable variety for main crop. Fruit firm, fine quality. Very hardy.

BLACK DIAMOND. Large, handsome berry of great productiveness.

GREGG. The standard late sort.

OHIO. The standard early berry. Fine quality. Very hardy and productive.

PLUM FARMER. Wonderful new berry, one of the best for all sections. Hardy and very productive. Matures early.



St. Regis Everbearing.

Charlestown, Md., May 6th, 1919.
I congratulate you on having such nurseries that can send out such beautiful stock. Have purchased berries from three different firms and yours are the finest of all.

MISS S. A. MAAR.

Guymon, Okla., October 15, 1919.
I was well satisfied with the stock I bought from you four years ago.

METTA BARRE-JEFFREY.



J. H. Hale.

Peaches

Prices of Peaches

	Each	10	100
XXX 4 to 6 feet, $\frac{5}{8}$ inch caliper.....	\$0.75	\$6.50	\$60.00
XX 3 to 4 feet, $\frac{1}{2}$ to $\frac{5}{8}$ inch caliper.....	.65	5.50	50.00

BELLE OF GEORGIA. Large, white with red cheek. Bears heavy, fine shipper. Semi-free.
BEERS' SMOCK. A large, yellow flesh peach, an immense improvement on Smock's Free, a better annual bearer.

CHAMPION. Best White Freestone. Delicious flavor, sweet, rich, juicy. Hardy and productive.

CRAWFORD'S EARLY. Very large, yellow, rich, sweet, luscious; free. September.

CRAWFORD'S LATE. Very hardy; large, yellow, rich, sweet, free. September.

EARLY ELBERTA. Golden yellow with red blush. 10 days ahead of Elberta; larger, more highly colored, better quality; splendid shipper. Extra hardy, heavy and reliable bearer. Free.

ELBERTA. One of the finest yellow freestones. **The standard market sort both North and South;** has made more money for the growers than any other variety.

FITZGERALD. Large yellow freestone of the very best quality.

LAMONT. Improved Late Crawford. Magnificent large yellow peach of good quality.

GREENSBORO. Extra large, very early. White with crimson blush. Good flavor. Extremely hardy, productive. Semi-cling.

GLOBE. Late yellow freestone of good quality; large, firm, juicy. Enormous bearer.

MOUNTAIN ROSE. Early white free-stone; one of the best. Large, juicy, rich.

SALWAY. Very late yellow freestone. Very large, firm, juicy, rich.

NIAGARA. Large, orange yellow and deep red. Sweet, rich flavor. Abundant. Free.

The Hale Peach

King of all Peaches. Combines all qualities most desired, either for home or market. Brilliantly colored, deep golden yellow with carmine blush. Skin thick, without fuzz, smooth as an Apricot. Flesh deep yellow, firm, fine grained, tender, melting, luscious flavor. Very solid and heavy Peach of immense size, fully one-half larger and hardier than Elberta; enormously productive. Perfect freestone. Wonderful keeper and shipper. Sells for one-third more than ordinary sorts.



Rea's Mammoth Quince.

The Celebrated Rochester Peach

Earliest and Best Yellow Freestone for Home or Market. Ripens two weeks before Early Crawford, when there is no other yellow freestone of quality on the market; commands double the price of any other variety of its season. Beautiful golden yellow and red Peach of immense size, solid and heavy, very highly flavored, juicy and delicious; far sweeter than Crawford. Exceptionally hardy, more productive than Elberta and usually bears the first or second year after planting.

Our nurseries have been inspected by the State Inspector for San Jose Scale and other dangerous insects and diseases, in compliance with the laws of New York, and have been found free of such troubles. A certificate of the inspector will accompany every sale and shipment as required by the law. All shipments into states requiring it will be properly fumigated and certificate of fumigation attached.

Quinces

Extra strong 2- and 3-year.
XXX 4 to 5 feet, $\frac{5}{8}$ inch caliper, each, 75c; 10, \$6.50; 100, \$60.00.

BOURGEAT. Very productive, healthy and thrifty. Large, smooth golden yellow, of the best quality.

CHAMPION. Very large size, rich golden yellow when ripe; great bearer; very late.

ORANGE (Apple). Best of the older sorts. Very large, bright golden yellow, fine quality.

REAS MAMMOTH. Larger than Orange, tree more vigorous and productive. Ripens very early.

Apricots

SUPERB. The best Apricot now offered.

Perfectly hardy, has no superior in productiveness. Beautiful yellow with slight blush; flesh firm and solid. One of its many desirable traits is its long season, covering a period of three weeks. Price, 60c each; \$5.00 per 10.

Additional varieties: Acme, Harris, Moorpark, and Montgamet. Price, 50c each; \$4.50 per 10.

Distances for Planting

Standard Apples	30 to 40 feet apart each way
Standard Pears and Strong Growing Cherries.....
.....20 feet apart each way
Duke and Morello Cherries.....	18 feet apart each way
Standard Plums, Peaches, Apricots and Nectarines16 to 18 feet apart each way
Dwarf Pears10 to 12 feet apart each way
Dwarf Apples10 to 12 feet apart each way
Quinces10 to 12 feet apart each way
Grapes.....	rows 10 to 16 feet apart; 7 to 8 feet in rows
Currants and Gooseberries4 feet apart
Raspberries and Blackberries ...	3 to 4 by 5 to 7 feet
Strawberries, for Field Culture.....	1 by 3 to 3½ feet
Strawberries, for Garden Culture...	1 to 2 feet apart
Asparagus, for Field Culture.....	1 by 3 feet
Asparagus, for Garden Culture.....	1 by 1½ feet

Number of Trees on an Acre

40 feet apart each way.....	27
30 feet apart each way.....	50
25 feet apart each way.....	70
20 feet apart each way.....	110
18 feet apart each way.....	135
15 feet apart each way.....	205
12 feet apart each way.....	300
10 feet apart each way.....	435
8 feet apart each way.....	680
6 feet apart each way.....	1210
5 feet apart each way.....	1745
4 feet apart each way.....	2725
3 feet apart each way.....	4840

Rule.—Multiply the distance in feet between the rows by the distance the plants are apart in the rows, and the product will be number of square feet for each plant or hill, which, divided into the number of square feet in an acre (43,560), will give the number of plants or trees to the acre.



Superb Apricot.



Bechtel's Double Flowering Crab.



Weeping Mulberry.



Cornus Florida.

Deciduous Trees for Shade and Ornament

BIRCH, CUT LEAF WEEPING. Tall, slender, vigorous growth; graceful, drooping; bark silvery-white; foliage delicately cut. 6 to 8 feet, \$1.25 each.

BEECH, PURPLE-LEAVED. Highly ornamental and desirable. 4 to 5 feet, \$2.00 each.

CATALPA BUNGEI (Umbrella Catalpa). A unique tree, desirable for lawn and park. Makes an umbrella-shaped top without pruning. Perfectly hardy. 6 to 7 feet, \$1.50 each.

CATALPA SPECIOSA. Very rapid growing; produces magnificent flowers early in spring. 8 to 10 feet, 75 cents each.

CORNUS FLORIDA (White-flowering Dogwood). American variety of irregular habit, with spreading, open top. The flowers are white, produced in May, followed by scarlet berries and gorgeous autumnal coloring of the leaves. 75 cents each.

CRAB, BECHTEL'S DOUBLE-FLOWERED. In early spring covered with beautiful double pink fragrant flowers. 3 to 4 ft., \$1.00 each.

ELM, AMERICAN WHITE. Noble, spreading, drooping tree. One of the grandest park and street trees. 8 to 10 feet, \$1.00 each; 10 to 12 feet, \$1.50 each.

HORSE CHESTNUT. Has magnificent spikes of white flowers. 6 to 8 feet, \$2.00 each.

LINDEN, AMERICAN (Basswood). Rapid growing; large, fragrant flowers. 7 to 8 feet, \$1.25; 8 to 10 feet, \$1.75 each.

MAPLE, Sugar or Rock. Excellent for streets, parks or lawns. 8 to 10 feet, \$1.50; 10 to 12 feet, \$2.00 each.

MAPLE, Silverleaf, or Soft Maple. Fast growing, succeeds everywhere; in big demand where immediate shade is required. 8 to 10 feet, 75c; 10 to 12 feet, \$1.25 each.

MAPLE, Norway (Hard Maple). Most popular shade tree in America. Ideal for street, drive or lawn. 8 to 10 feet, \$1.00; 10 to 12 feet, \$1.50.

MAPLE, Schwedler's Purple. Very large bronze-red leaves and young shoots of same color. 6 to 8 feet, \$2.00 each.

MOUNTAIN ASH, European. Fine, hardy tree, covered from July till winter with clusters of bright red berries. Very ornamental. 8 to 10 feet, \$1.25 each.

MULBERRY, Downing. Rapid grower. Bears mild, pleasant berries of good quality. 5 to 7 feet, \$1.00 each.

MULBERRY, Tea's Weeping. Perfectly hardy; fine lawn tree; forms natural umbrella-shaped top. 6 to 7 feet, \$2.00 each.

PLANE, Oriental. Leaves heart-shaped at base, deeply cut. Is among our tallest trees, growing rapidly into massive proportions. Hardy and free from disease. 8 to 10 feet, \$1.25 each.

POPLAR, Carolina. Rapid grower; large, glossy leaves; fine for shade. 6 to 8 feet, 35 cents; 8 to 10 feet, 50 cents; 10 to 12 feet, 75 cents each.

POPLAR, Lombardy. Well known for its erect, rapid growth and commanding form. 6 to 8 ft., 50c; 8 to 10 ft., 75c; 10 to 12 ft., \$1.00.

THORN, Paul's Double Scarlet, and Double White. Highly ornamental both in foliage and flowers. 4 to 5 ft., \$1.00 each.

WILLOW, Babylonian (Weeping Willow). Tall, graceful, beautiful. 6 to 8 ft., \$1.00.

WILLOW, Golden. Golden bark of high color. 6 to 8 ft., \$1.00.



Cut-leaved Weeping Birch.



Norway Maple.



Catalpa Bungei.



Lombardy Poplar.

Roses

Strong 2-year field grown plants.

There is no more beautiful flower than the Rose and are among the easiest of all to raise. The love of the Rose is universal, and with the selection of varieties we offer no one need look elsewhere for their supply. 75c each (except noted).

Superb Everblooming Roses

BETTY. Glorious coppery-rose overspread with golden-yellow.
GRUSS AN TEPLITZ. Brilliant scarlet, shading to velvety crimson.
JONKHEER J. L. MOCK. Giant pink Rose.
LADY HILLINGDON. Beautiful apricot-yellow shaded to orange.
MADAME CAROLINE TESTOUT. Brilliant satiny rose color.
RICHMOND. Superb; scarlet-crimson, most brilliant hue.
DEAN HOLE. Gorgeous silvery-carmine, shaded salmon.
LADY ASHTOWN. Soft carmine-pink of a most pleasing shade.
MY MARYLAND. Brilliant, glowing, intense pink.
RHEA REID. Vivid scarlet-crimson. Magnificent.

KILLARNEY. Brilliant, sparkling pink. Unusually hardy.
CRIMSON MAMAN COCHET. Brilliant, clear red, velvety.

PINK MAMAN COCHET. Clear, rich pink, changing to silvery-rose.

WHITE MAMAN COCHET. Snow-white, sometimes tinged with pale blush.

GEORGE AHREND. Delicate pink, wonderfully beautiful.

EDWARD MAWLEY. The finest of all dark crimson Roses.

AARON WARD. New. Beautiful rich yellow, changing to pinkish-fawn. One of the best.

RADIANCE. Glorious new Rose, beautiful blendings of carmine-rose with opal and copper reflections.

OPHELIA. Brilliant salmon-flesh shaded with rose on outer edges of petals, with a heart of glowing peach-pink and orange-yellow blendings. Very fragrant and faultless in form and color. \$1.00 each.

HOOSIER BEAUTY. Glowing crimson-scarlet with darker shadings. Large and double, with velvety petals. A magnificent bloom of dazzling brilliance and delicious fragrance. \$1.00 each.

RED RADIANCE. Splendid even shade of clear red without a trace of any other color. Large, bold, double flowers on heavy erect stems, conspicuous even among the choicest kinds. \$1.00 each.

WILLOWMERE. A magnificent rich shrimp pink rose, toning to carmine-pink toward edges of petals. Beautiful coral-red buds on stout stems, opening into very large, full flowers. \$1.00 each.

Salisbury, Conn., March 12, 1919.

Purchased about a dozen Roses of you last spring and was very much pleased with them. All lived and looked well this spring.

MRS. H. S. KELSEY.

Best Hardy Hybrid Perpetual or June Roses

60c each (except noted).

ANNA DE DIESBACH. Lovely shell-pink.

BARON DE BONSTETTIN. Dark red, shaded velvety maroon.

CLIO (New). Flesh color, center shaded rosy-pink.

GENERAL JACQUEMINOT. Brilliant scarlet-crimson.

GLOIRE LYONNAISE. Rich, creamy white to pale yellow.

FRAU KARL DRUSCHKI (White American Beauty). The ideal pure white Rose. 75c each.

HEINRICH MUNSCH. The Pink Frau Karl Druschki.

J. B. CLARK. Intense deep scarlet. Immense size. 75c each.

MARSHALL P. WILDER. Deep, rich, glowing red.

MRS. JOHN LAING. Soft pink, beautiful form, very fragrant.

PAUL NEYRON. Largest size; bright, clear, shining pink.

PRINCE CAMILLE DE ROHAN. Deep velvety crimson, shaded black.

ULRICH BRUNNER. Bright cherry-red, large and full.

Harman on Hudson, N. Y., May 8, 1919.

Goods arrived in due time and first class condition. Are doing beautifully and are perfectly satisfactory. I wish to thank you for your careful attention and assure you of my future orders.

MRS. O. SEXTON HEBER.



Jonkheer J. L. Mock.

Hardy Climbing Roses

50 cents each (except where noted).

Climbing Roses can be put to so many good uses that it seems as if every household should have at least a few. They are perfectly hardy, requiring comparatively little care after once being planted, and they bear great quantities of lovely flowers.

NEW CLIMBING AMERICAN BEAUTY. Rosy-crimson, same exquisite fragrance as old American Beauty. Flowers large, produced profusely from spring until frost comes. 75c each.

DOROTHY PERKINS. The only fragrant Rambler. Shell-pink, very double.

WHITE DOROTHY PERKINS.

EXCELSA, Red Dorothy Perkins. New, and finest of all crimson ramblers. Great quantities of full, double flowers, crimson-maroon, tips of petals scarlet. Hardy everywhere.

FLOWER OF FAIRFIELD (Everblooming Crimson Rambler). 60c each.

LADY GAY. Delicate pink, fading to white.

CRIMSON RAMBLER. Immense clusters of rich, glowing crimson flowers that remain for more than two weeks.

YELLOW RAMBLER. Double, golden-yellow flowers.

WHITE RAMBLER. Pure white, very double.

TAUSENDSCHON (Thousand Beauties). New. Covered with bright blossoms of every imaginable shade from white to deep pink, borne in clusters; quite double. 75c each.

CLIMBING SUNBURST (New). A true Sunburst Rose of vigorous climbing habit. (See description under Sunburst). \$1.00 each.

DR. W. VAN VLEET (New). A superb variety. Flowers full and double, of delicate perfume, will run 4 inches and over in diameter when open; buds pointed; color a remarkable shade of flesh-pink on outer surface, deepening to rosy flesh in center. 75c each.

The Peonies

Fine hardy plants, rivaling the rose in perfection of bloom and coloring, requiring little extra care, as they thrive well in any soil. The following is a selection of the best varieties. Price, 40c each (except noted).

Alba Lutea. White, yellow center.

Alexander Dumas. Bright rose.

Berlioz. Currant red.

Carnea Elegans. Light red.

Delachie. Purple-crimson, shaded violet.

Duchesse De Nemours. Sulphur white.

Humei. Purplish rose.

Fringe Leaf. Red. 50c each.

Jeanne D'Arc. White, salmon center.

Lilacina. Lilac rose.

Magnifica. Delicate pink, changing to white.

Modeste. Pink, very large.

Officinalis Rubra. Old double red from Grandmother's garden. 50c each.

Purite. Large, pure white.

Queen Victoria. Blush white, changing to pure white, center petals red.



1. Ophelia.
2. Hoosier Beauty.
3. Double White Killarney.

4. Mrs. Aaron Ward.
5. My Maryland.
6. Red Radiance.

Nov. 5, 1919.
Had great success this year with the J. H. Hale Peach Trees I bought of you.
THOS. DRAPER.

Phlox

Phlox, Hardy. Very fine, perfectly hardy; beautiful plants. The following is a selection of the best varieties. Price, 25c each.

Aurore. Coppery orange with rich crimson center.

Coquelicot. Crimson scarlet.

Eclaireur. Carmine rose, center shaded white.

Eiffel Tower. Beautiful pink, tall, superb.

Embracement. Dark wine red.

Feu de Bengal. Bright carmine, dark center.

King of the Purple. Most attractive of all, dark purple.

Lustre. Rose pink, crimson center, large flower, fine.

Pantheon. Pink or salmon rose, large flower, extra fine.

Purite. Pure white, the best white.

Richard Wallace. White with violet center

William Robinson. Deep rosy salmon with purple eye.



A Beautiful Border Planting of Peonies.



Deutzia—Pride of Rochester.



Hydrangea Paniculata Grandiflora.



Japan Snowball.

Hardy Ornamental Shrubs

Strong 2- and 3-year specimens.

Price of shrubs (except where noted), 50c each.

ALMONDS. Pink Double Flowered and White Double Flowered. Covered with small rose-like blossoms in May. 50c each.

ALTHEA, ROSE OF SHARON. Large, bell-shaped flowers in August and September. Colors white, red, purple; single and double.

Tree Form. The Althea, as a shrub, is fine and attractive, but grown in tree form becomes doubly beautiful and interesting. It is hardy and of easy cultivation. Colors same as preceding. Price, 75c each.

BARBERRY, THUNBERGII. (See description under Hedge Plants).

CALYCANTHUS—SWEET SHRUB. Flowers in June of a rare chocolate color; deliciously fragrant.

BUDDLEIA. Everblooming Butterfly Bush or Summer Lilac. Flowers very sweet and fragrant, blooming in spikes of 6 to 10 inches long, continuing all summer until frost comes.

CLETHRA ALNIFOLIA (Sweet Pepper Bush). Very hardy. Flowers pure white, richly perfumed.

DEUTZIA GRACILIS. Dwarf grower, covered with white flowers in June.

DEUTZIA, PRIDE OF ROCHESTER. Very large double white flowers; blooms profusely.

DEUTZIA CRENATA. Double white flowers tinged with rose color.

DEUTZIA LEMOINE. Pure white flowers on stout, upright branches. Dwarf grower, very free flowering.

ELDER, GOLDEN. Golden-green foliage when planted in sun. White blossoms followed by handsome berries.

FORSYTHIA, GOLDEN BELL. Drooping yellow flowers early in spring before the leaves.

HYDRANGEA ARBORESCENS STERILIS (Hills of Snow). Grand, new, everblooming. Perfectly hardy. Enormous snow-white flowers. 50c each.

HYDRANGEA PANICULATA GRANDIFLORA. Hardy in all sections. Flowers immense; greenish-white, changing to pure white and turning pink with age. 50c each.

HYDRANGEA P. G., Tree Form. Same as above but in tree form with but a single stem. Very desirable. 75c each:

UPRIGHT HONEYSUCKLE. Pink, red, and white. Beautiful shrubs, blooming early in spring.

KERRIA JAPONICA, GLOBE FLOWER. Orange-yellow double flowers. Handsome.

LILAC, Purple. Bluish-purple flowers. Standard variety; always good.

LILAC, White. Cream-colored flowers; very fine.

LILAC, Charles X. Large, shining leaves; flowers large, single, reddish-purple. 75c each.

LILAC, Lemoine. A choice variety, bearing large clusters of double white flowers. 75c each.

LILAC, Ludwig Spaeth. New, and believed to be the finest of the class. Color, purplish-red. 75c each.

LILAC, Pres. Grevy. Very large blue flowers; largest of all. 75c each.

SNOWBERRIES. Red and white. Flowers small, rose-colored, berries hang on well into winter.

GERMAN IRIS. Flowers large, colorings exquisite. Blue, lavender, maroon, purple, white, yellow. 20c each.

JAPAN IRIS. Flowers broad and flat, wonderful variety of colors. 25c each.

SYRINGA, Common. Blooms very early, pure white, highly scented flowers. One of the first.

SYRINGA, Golden. Golden-yellow foliage that keeps its color all season. Very sweet-scented.

SPIREA, Anthony Waterer. New, dwarf growing variety. Crimson flowers.

SPIREA, Van Houttei. Grandest Spirea of all. A fountain of white flowers in early spring.

SPIREA, Billardi. Fine foliage, with spikes of red colored flowers during summer and fall.

SPIREA, Prunifolia (Bridal Wreath). A superb old-fashioned variety, with graceful, upright, slender branches covered with a wreath of white flowers in May. Leaves turn to beautiful orange.

WEIGELA, Candida. Pure white blossoms in great profusion in June.

WEIGELA, Rosea. Rose-colored flowers in May and June.

WEIGELA, Variegated Leaved. One of the best dwarf shrubs. Silvery-variegated leaves, flowers nearly white. 50c each.

WEIGELA, Eva Rathke. Charming new variety. Brilliant crimson flowers twice in one season. 50c each.

JAPAN SNOWBALL. Completely covered with large balls of pure white flowers in June. 50c each.

SNOWBALL, Common, or Guelder Rose. An old-time favorite. Handsome, showy flowers.



Spirea Van Houttei.

Concord, N. H., May 12th, 1919.
Shrubs arrived April 28th in fine condition.
RICHARD COLLINS.

Wharton, N. J., May 13, 1918.
Trees and Roses arrived in good condition and I must say are the best stock I ever saw.
GEO. B. WELHAM.

Hammond, Ind., Feb. 14, 1919.
Received some trees and bushes from you 4 or 5 years ago and all did fine.
R. E. MAXWELL.



Ampelopsis Veitchii—Boston Ivy.



Hall's Japan Honeysuckle.



Clematis Paniculata.

Climbing Vines

Nothing lends such a pleasing effect to wall or veranda as the judicious use of vines. The hardy vine is best adapted for covering an unsightly wall or for furnishing shade and ornament to verandas. With the advent of spring the tendrils are given new life and as the season advances they soon become a beautiful covering. Hardy vines practically take care of themselves after once established, and are much more desirable and less trouble than the annual or tender varieties. Without climbing vines many beautiful homes would present a sad picture during the hot summers.

AMPELOPSIS VEITCHII (Boston Ivy). Requires no support, clings closely to smoothest surface. 50c each.

CLEMATIS, Paniculata. Very popular. Blooms profusely; small, single, white flowers borne in large panicles. 50c each.

CLEMATIS HENRYII. Finest white Clematis. Flowers very large; single. 60c each.

CLEMATIS JACKMANII. Best purple sort. Single, very large. 60c each.

CLEMATIS MAD. ED. ANDRE. Distinct and fine. Flowers deep crimson, velvety. 60c each.

CLEMATIS RAMONA (New). Deep sky-blue, distinct from any other kind; very attractive. Extremely hardy. 60c each.

DUTCHMAN'S PIPE. Large, heart-shaped leaves, brownish flowers resembling small pipe. Hardy, rapid grower. 75c each.

EUONYMUS RADICANS (Evergreen Bittersweet). Strong, robust climber, covered the whole year with green foliage. 50c each.

HONEYSUCKLE, Hall's Japan. Almost evergreen. Covered from July to December with fragrant white flowers, turning to yellow. 50c each.

WISTERIA, Purple. Perfectly hardy; very beautiful. Flowers in spring in long, drooping racemes. 60c each.

Hedge Plants

A living fence—one made of plants, attractive with their green leaves, formal trained or arched branches, colored foliage or bright berries is surely more pleasing than the still, rigid, mechanical effect obtained by the similar use of wood or metal. A lawn hedge is permanent—once planted, only occasional pruning or shearing is required.

BARBERRY, THUNBERGII (Japan Barberry). Brilliant green foliage, turning to most glowing colors from autumn to December. Loaded with scarlet-crimson berries after leaves fall. Hardy where Privet is not. One of the best shrubs to plant against the foundations of a house or in front of taller growing shrubs. 12 to 18 inches, \$17.50 per 100; 18 to 24 inches, \$25.00 per 100. Extra strong 3 year plants for planting as shrubs or for screen in front of porches, 35c each.

CALIFORNIA PRIVET. Most popular half-evergreen hedge. Remarkably beautiful, glossy, dark green foliage; strong, rapid grower. It transplants easily, grows quickly, making a hedge the first year, and succeeds in almost any soil. The plants should be set about 1 foot apart and cut to 3 or 4 inches above the ground after planting to make the hedge bushy at the bottom. 12 to 18 inches, \$3.50 per 100; 18 to 24 inches, \$4.50 per 100; 2 to 3 feet, \$6.00 per 100.

Other desirable hedge plants, American Arbor-Vitae and Norway Spruce, Altheas, Hydrangeas, Spireas.

Railroad, Pa., March 15, 1919.
One of the Dwarf Pear Trees I ordered of you about five years ago had 48 full sized pears last season. All other stock ordered from you the past eight years is doing fine, especially the peach trees.
S. D. ROHRBAUGH.

Hartford, Conn., May 7th, 1919.
Trees came in good time and are the best I have ever seen. Thanks for your careful packing of same.
F. E. NEWTON.



Barberry Hedge.



California Privet.



1, Pyramidal Arbor-Vitae. 2, Mugho Pine. 3, Colorado Blue Spruce. 4, Koster's Blue Spruce. 5, American Arbor-Vitae. 6, Concolor Fir.

Evergreens

Colorado Blue Spruce.



Evergreens are used for specimens on lawns, also extensively for massing, shelter-belts, screens, hedges, etc. They form perfect backgrounds for the flowering shrubs of early spring, for the berries of autumn and winter's tracery of bright bark and twigs. Beautiful beds of permanent color are formed by grouping together sorts of moderate growth, with contrasting foliage.

In handling and planting evergreens, never allow the roots to become dry for an instant. Their juices are resinous, and when once dry, water has no power to restore them; dip the roots in "grout" or very thin mud, and plant quickly; cover the roots with fresh soil and with a heavy piece of wood beat the earth solid over them. Fill up and pound again, and finish by bringing fresh loose earth about the tree with a hoe. No wind can now bend the trees about so as to break the tender rootlets as fast as formed.

All specimen plants, lifted and shipped with ball of earth attached to roots.

ABIES (Fir). Balsam. Very hardy; rapid, slender grower, foliage silvery underneath. 2 feet, \$2.50 each; 3 feet, \$3.50 each.

Concolor or Silver Fir. One of the hardiest and most beautiful evergreens. Graceful habit, broad, handsome foliage, bluish above, silvery underneath. 2 feet, \$5.00 each; 3 feet, \$7.50 each.

JUNIPER. Irish. A distinct and beautiful variety, forming a neat tapering column of deep green foliage. Much used in cemetery plantings. 2 feet, \$1.50 each; 3 feet, \$2.50 each.

Savin's. Prostrate, spreading branches, with somber green foliage. Hardy, well adapted for hillsides, etc. 18 inch spread, \$3.00 each; 2 foot spread, \$4.00 each.

Virginiana (Red Cedar). A tall growing native tree of great beauty. Tapering form, bright, rich green foliage. 2 feet, \$2.50 each; 3 feet, \$3.50 each.

Virginiana Glauca (Blue Cedar). Probably the best variety of Cedar, a favorite for specimen work. Vigorous grower, compact and conical, beautiful, silvery-blue foliage. 2 feet, \$4.00 each; 3 feet, \$6.00 each.

PICEA (Spruce). Excelsa (Norway Spruce). The most generally used of evergreen trees. Extremely hardy, of lofty, rapid growth and pyramidal form. One of the best for hedges and windbreaks. 2 ft., \$1.50 each; 3 ft., \$2.50 each; 4 ft., \$3.50 each.

Pungens Glauca (Colorado Blue Spruce). Hardy and beautiful,

of pyramidal form, foliage rich blue or sage color. 2 ft., \$4.00 each; 3 ft., \$6.00 each.
Pungens Kosteriana (Koster's Grafted Blue Spruce). The highest colored, most strikingly beautiful of all evergreens for the lawn. Perfectly shaped tree of compact growth, with an abundance of foliage of the richest, silvery, glistening blue. 2 feet, \$7.00 each; 3 feet, \$10.00 each.

PINUS (Pine). Austrian or Black Pine. A robust grower with long, dark, stiff needles. Does well on all soils. 2 feet, \$2.50 each; 3 feet, \$3.50 each.

Sylvestris (Scotch Pine). A rapid grower with strong branches and short stiff bluish-green foliage. 2 feet, \$2.00 each; 3 feet, \$3.00 each.

Mughus (Dwarf Mugho Pine). Of low, dense, spreading growth, with very dark green foliage. Very hardy and suitable for covering slopes. 18 inch spread, \$4.00 each.

RETINISPORA (Japanese Cedar). Plumosa. A graceful tree with plume-like dark green foliage. Responds to pruning, particularly useful for hedges and mass plantings. 2 ft., \$3.50 each; 3 ft., \$5.00 each.

Plumosa Aurea. Bright golden foliage, retains its color all summer. Very distinct and beautiful. 2 feet, \$3.50 each; 3 feet, \$5.00 each.

THUYA (Arbor-Vitae). Occidentalis (American Arbor-Vitae). Very largely used, and perfectly hardy. A low-branched, bushy pyramid, foliage bright green above, yellowish beneath. Useful for screens and hedges. 2 feet, \$1.25 each; 3 feet, \$2.50 each; 4 feet, \$3.50 each.

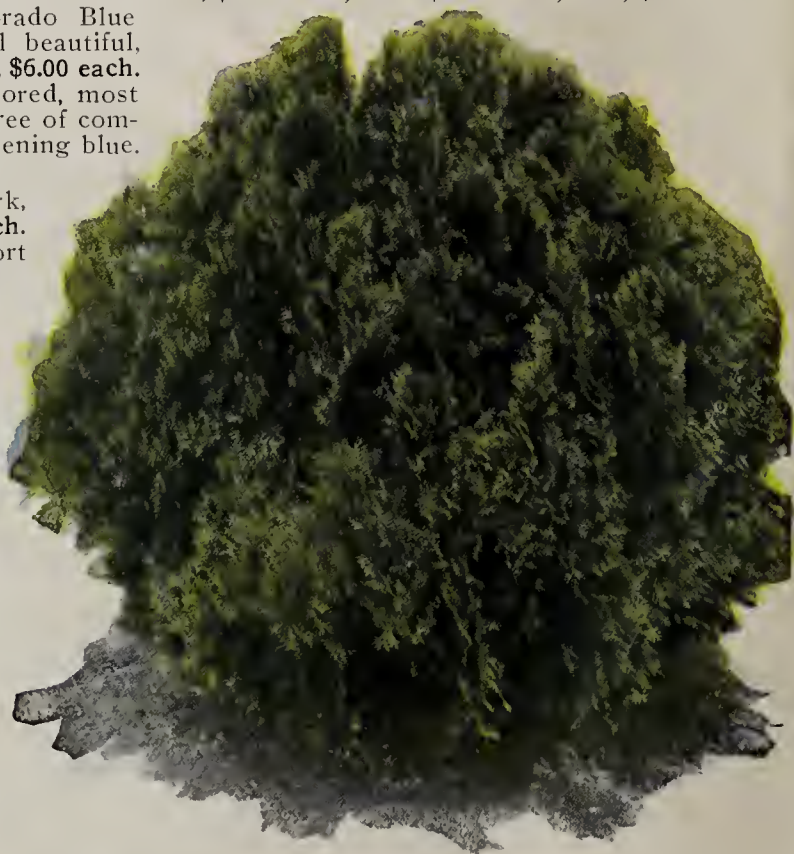
Globosa. Low, thick, globe form. Very desirable. 1½ feet, \$2.50 each.

Geo. Peabody's Golden. Dwarf, dense-growing variety, holding its golden yellow color all summer. 2 feet, \$3.00 each.

Pyramidalis. A valuable upright evergreen of dense, compact habit. Foliage light green. 2 feet, \$2.00 each; 3 feet, \$3.00 each.

Siberica (Siberian Arbor-Vitae). Large, dark green foliage, strong, pyramidal growth, very good and hardy. 2 ft., \$2.50 each; 3 ft., \$4 each.

TSUGA (Hemlock). Canadensis (Hemlock Spruce). Remarkably graceful and beautiful native tree, with drooping branches and delicate dark foliage. Distinct from all other trees. Very useful for hedge planting, makes a fine specimen. 2 feet, \$2.50 each; 3 feet, \$4.00 each.



Globosa Arbor-Vitae.